



DEPARTMENT OF PESTICIDE REGULATION
PESTICIDE REGISTRATION AND EVALUATION COMMITTEE
Meeting Minutes – July 16, 2004

Committee Members/Alternates in Attendance:

Dr. Anna Fan, Office of Environmental Health Hazard Assessment (OEHHA)
Claudia Moore, Integrated Waste Management Board (IWMB)
Barbara J. Todd, Department of Food and Agriculture (CDFA)
Kathleen Thuner, San Diego County Agricultural Commissioner
Barry Wilson, Department of Environmental Toxicology, University of California-Davis (UCD)
Syed Ali, State Water Resources Control Board (SWRCB)
Bryan Eya, Department of Toxic Substance Control (DTSC)
Bob Hosea, Department of Fish and Game (DFG)
Rod Repke, Department of Industrial Relations (DIR)
Tobi Jones, Department of Pesticide Regulation (DPR)

Visitors in Attendance:

Mark Novak, Department of Health Services (DHS)
John Pearson, Compliance Service
Brian Bret, Dow AgroSciences
Renee Pinel, Western Plant Health Association (WPHA)
Artie Lawyer, Technical Scientific Group (TSG)
Andre de Fontaine, Inside Cal/EPA
Henry Buckwalter, Uniroyal
Michael Benjamin, ARB
Amy Castello, ARB
Dave Rice, OEHHA
Randy Segawa, DPR
John Troiano, DPR
Jeanne Martin, DPR
Sheryl Beauvais, DPR

1. Introductions and Committee Business – Tobi Jones, Chairperson

- a. About 23 people attended the meeting.
- b. There were no corrections to the minutes of the previous meeting held on May 21, 2003.



2. Status of West Nile Virus in California – Mark Novac, DHS

Mark Novac presented a brief overview of the West Nile (WNV) virus transmission cycle and human disease cases in the U.S. from 1999-2003. The remainder of the presentation reviewed California's WNV surveillance system and WNV activity so far in 2004. As of July 14, there have been 24 human cases, 10 equine cases, 784 dead birds, as well as positive sentinel chickens and mosquitoes reported from six counties in southern California. WNV activity is expected to spread soon to the remainder of the state.

The larvicides and adulticides approved for mosquito control were also reviewed along with current control strategies being employed by vector control agencies in southern California.

3. Revised Regulations for Ground Water Protection – Mark Pepple, DPR

Mark Pepple briefly discussed DPR efforts to protect ground water from residues resulting from the agricultural use of pesticides. He reviewed the mandates of the Pesticide Contamination Prevention Act, the regulations that were effective until May 2004, what DPR scientists have learned about pesticide behavior over the last 20 years, and how that knowledge was used to revise the regulations.

The new regulations identify areas vulnerable to pesticide contamination (ground water protection areas-GWPAs) based either on detections of pesticides or on soils and depth to ground water that are characteristic of areas where detections have been reported. Before using a pesticide detected in ground water in a GWPA, users must first obtain a permit and then choose, from a menu of options, an appropriate management practice to protect ground water. The new regulations also restrict certain statewide uses of detected pesticides and implement measures to protect wellheads from all pesticides.

4. Status of VOC Emissions from Pesticides – Randy Segawa, DPR

Randy Segawa gave an update on the volatile organic compounds (VOC) emissions from pesticides.

VOCs and nitrogen oxides react with sunlight to create ozone. Many active and inert ingredients in pesticide products are VOCs. The Federal Clean Air Act requires State Implementation Plans (SIPs) to reduce VOC emissions in areas that do not meet the ozone air quality standard.

On April 15, 2004, the U.S. Environmental Protection Agency issued a more stringent air quality standard for ozone. Additional VOC reductions will be necessary to achieve the new standard. Attainment dates are 2010 – 2021, depending on severity classification.

On May 4, 2004, several environmental organizations filed a lawsuit alleging that DPR has "...violated an emission standard or limitation by failing to adopt regulations to reduce pesticide-related VOC emissions by June 15, 1997 as required by the 1994 Ozone State Implementation Plan."

Some of the future activities Randy mentioned are that DPR will hold stakeholder meetings to discuss regulatory options and SIP revisions, and DPR will hold meetings with the U.S. Department of Agriculture, University of California, and others to discuss research plans.

5. Agenda Items for Next Meeting – Tobi Jones

The next meeting will be held on Friday, September 17, 2004, in Training Rooms 1 East and West located on the first floor of the Cal/EPA building.

6. Closing Comments – Tobi Jones

The meeting was adjourned.